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PATENT CASE: CD01352

#4/A
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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In re Application of: Shen-Chun Kuo

For Patent For: **SYNTHESIS OF
TEMOZOLOMIDE AND ANALOGS**

Serial No.: **10/050,768**

Filed: **January 16, 2002**
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Group Art Unit: **1624**

Examiner: V. BALASUBRAMANIAN

Schering-Plough Corporation
Kenilworth, New Jersey 07033-0530

Assistant Commissioner of Patents
Washington, D.C. 20231

AMENDMENT IN RESPONSE TO OFFICE ACTION

This amendment is being filed in response to the Office Action mailed June 6, 2002. Please amend the application as follows:

In the specification:

Please amend the specification as follows:

(Amended, Page 8 of specification lines 3-17) The oxidizing/cyclizing agent may be, for example, periodic acid (H_5IO_6), iodine/potassium iodate, bromine or chlorine, or a reagent that oxidizes NH_2 to NZ , where Z represents oxygen, (H, Hal), or Hal_2 , wherein Hal is halogen and wherein the halogen is chlorine, bromine or iodine. Other suitable oxidizing agents include KI/KIO_3 , I_2 , I_2/KIO_3 , ICl , ICl_3 , I_2O_5 , NCS/Me_2S , NBS/Me_2S , $DCC/DMSO/H_3PO_4$, peracetic acid, $VO(acac)_2/O_2$, $VO(acac)_2/t-BuOOH$, V_2O_5 , Bu_4NI/O_2 , and MnO_2 . Preferably, the oxidizing agent is H_5IO_6 and the reaction is preformed in the presence of an iodide that is soluble in the reaction medium, the medium being an inert organic solvent.

(Amended, page, 12, lines 21-23) The reaction mixture was stirred vigorously for 4 hours and then left to stand for 18 hours at room temperature. The precipitate

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